

Federal Aviation Administration

National Airspace System

Capital Investment Plan

Appendix D

Fiscal Years 2006-2010

LIST OF ACRONYMS AND ABBREVIATIONS

A	
A/G	air-to-ground
ACE-IDS	automated surface observing system controller equipment information display system
ADL	aeronautical data Link
ADS-B	automatic dependent surveillance broadcast
ADS-C	automatic dependent surveillance-contract
AF	airway facilities
AFSS	automated flight service station
AIM	aeronautical information management
AIR	Aircraft Certification Service
AIXM	aeronautical information exchange mode
ALAR	approach/landing accident reduction
ALS	approach lighting systems
ALSF-2	approach lighting system with sequenced flashing light model 2
ALSIP	approach lighting system improvement program
AMDB	airport map database
AMS	acquisition management system
ANICS	Alaskan national airspace system interfacility communications system
AOPA	Aircraft Owners and Pilots Association
ARE	aircraft and related equipment
ARSR	air route surveillance radar
ARTCC	air route traffic control center
ARTS	automated radar terminal system
ASAP	aviation safety action program
ASAS	aviation safety analysis system
ASCM	asset supply chain management
ASDE-3X	airport surface detection equipment – model 3x
ASDE-X	airport surface detection equipment – model x
ASDP	advanced signal data processor
ASKME	aviation system knowledge management environment
ASOS	automated surface observing system
ASR	airport surveillance radar
ASR-9	airport surveillance radar model 9
ASR-11	airport surveillance radar model 11
ASWON	automated surface weather observation network
AT	air traffic
ATC	air traffic control
ATCBI	air traffic control beacon interrogator
ATCBI-6	air traffic control beacon interrogator model 6
ATCSCC	air traffic control system command center
ATCT	airport traffic control tower
ATDP	advanced technology development prototyping
ATM	air traffic management
ATO	Air Traffic Organization
ATOMS	air traffic operations management system
ATOP	advanced technologies and oceanic procedures
AUTOMET	automated meteorological
AWOS	automated weather observing system

AWSS	automated weather sensor systems
B	
BLI	budget line item
C	
C3	command, control, and communications
CAST	commercial aviation safety team
CATMT	collaborative air traffic management technologies
CBI	computer-based instruction
CDM	collaborative decision making
CERAP	center radar approach control
CETS	compliance and enforcement tracking subsystem
CFE	communications facilities enhancement
CFIT	controlled flight into terrain
CIP	capital investment plan
CM	configuration management
CONOPS	concept of operations
CONUS	contiguous United States
COTS	commercial off-the-shelf
CSIRC	computer security incident response center
CWB	control wing basement
D	
DARC	direct access radar channel
DHS	Department of Homeland Security
DME	distance measuring equipment
DOC	Department of Commerce
DoD	Department of Defense
DOT	Department of Transportation
DVOR	Doppler very high frequency omni-directional range
E	
EBUS	enhanced backup surveillance
ECG	en route communication gateway
EM	equipment monitor
EOSH	environmental & occupational safety and health
EPA	Environmental Protection Agency
ERAM	en route automation modernization
ERIDS	en route information display
ETVS	enhanced terminal voice switches
F	
F&E	facilities and equipment
FAA	Federal Aviation Administration
FAALC	FAA Logistics Center
FAATC	Federal Aviation Administration Technical Center
FAR	federal aviation regulations
ECG	en route communications gateway
FDIO	flight data input/output
FFP1	free flight phase 1
FFP2	free flight phase 2
FFRDC	federally funded research and development center
FIS	flight information service
FIS-B	flight information service – broadcast
FISDL	flight information services data link
FM	frequency modulated

FMS	flight management system
FSAS	flight services automation system
FSS	flight service station
FST	fuel storage tank
FTI	FAA telecommunications infrastructure
FY	fiscal year
G	
GA	general aviation
GAVF	general aviation/ vertical flight technology
GDP	ground delay program
GNSS	global navigation satellite systems
GPS	global positioning system
H	
HAATS	Houston area air traffic system
HCS	host computer system
HVAC	heating, ventilating, and air-conditioning
I	
IAPA	instrument approach procedures automation
IATS	initial academy training system
ICAO	International Civil Aviation Organization
IDU	initial daily use
IFQA	integrated flight quality assurance
IFR	instrument flight rule
ILS	instrument landing system
IOC	initial operating capability
IOT&E	independent operational test and evaluation
ISS	information systems security
ITWS	integrated terminal weather system
J	
JAWS	Juneau airport wind system
JPDO	joint planning and development
JRC	joint resources council
JRC-2A	joint resources council - phase 2A
JRC-2B	joint resources council - phase 2B
L	
LAHSO	land and hold short operations
LCSS	logistical center support system
LDR	labor distribution reporting
LPDME	low power distance measuring equipment
LRR	long-range radar
LSS	logistics support services
LSSC	logistics support services center
LSSF	logistics support systems and facilities
M	
MALSR	medium-intensity approach light system with runway alignment indicator lights
MASPS	minimum aviation system performance standard
MIAWS	medium intensity airport weather system
MMAC	Mike Monroney Aeronautical Center
MOA	memorandum of agreement
MOPS	minimum operational performance standard

N	
NAFIS	next generation flight inspection system
NAIMES	national airspace system aeronautical information management enterprise system
NAS	national airspace system
NASA	national aeronautics and space administration
NASDAC	national aviation safety data analysis center
NDB	non-directional beacon
NEXCOM	next generation air/ground communications
NEXRAD	next generation weather radar
NIMS	national airspace system infrastructure management system
NISC	national airspace system implementation support contract
nm	nautical mile
NOTAM	notice to airmen
NTSB	National Transportation Safety Board
NWS	National Weather Service
O	
OASIS	operational and supportability implementation
OEP	operational evolution plan
OMB	Office of Management and Budget
ORD	operational readiness demonstration
OSH	occupational safety and health
OSHA	Occupational Safety and Health Administration
OT&E	operational test and evaluation
P	
PAPI	precision approach path indicator
PCB	polychlorinated biphenyl
PCS	permanent change of station
PDARS	performance data analysis and reporting system
PRM	precision runway
PS3	power systems sustained support
PTR	program trouble report
R	
RCAG	remote center air/ground
RCE	radio control equipment
RCISS	regulation and certification infrastructure for system safety
RCOM	recovery communications
RCP	required communication performance
REIL	runway end identifier lights
RIRP	runway incursion reduction program
RMS	remote monitoring system
RNAV	area navigation
RNP	required navigation performance
R-side	radar controller position
RSP	required surveillance performance
RVR	runway visual range
S	
SASO	system approach for safety oversight
SAWS	standalone weather sensors
SETA	system engineering and technical assistance.
SF-21	safe flight 21
SLEP	service life extension program
SMM	surface moving map

SMO	system maintenance office
SMS	surface management system
SOC	service operations centers
SRM	safety risk management
STAR	standard terminal arrival routes
STARS	standard terminal automation replacement system
T	
TACAN	tactical air navigation antenna
TAMR	terminal automation modernization replacement
TDWR	terminal Doppler weather radar
TFM	traffic flow management
TFM-I	traffic flow management - infrastructure
TFM-M	traffic flow management modernization
TIS-B	traffic information service - broadcast
TMA-SC	traffic management advisor - single center
TRACON	terminal radar approach control
TSSC	technical support services contract
TVSR	terminal voice switch replacement
U	
UAT	universal access transceiver
UHF	ultra high frequency
UPS	uninterruptible power supply
URET	user request evaluation tool
V	
VASI	visual approach slope indicator
VHF	very high frequency
VOR	very high frequency omni-directional range
VORTAC	very high frequency omni-directional range collocated with tactical air navigation
VRRP	voice recorder replacement program
VSCS	voice switching and control system
W	
WAAS	wide area augmentation system
WARP	weather and radar processor
WJHTC	William J. Hughes Technical Center
WRC	world radiocommunication conference
WSP	weather systems processor